(19) World Intellectual Property Organization International Bureau



(43) International Publication Date 13 September 2001 (13.09.2001)

PCT

(10) International Publication Number WO 01/67738 A1

(51) International Patent Classification?:

- PCT/JP01/01739 (21) International Application Number:
- (22) International Filing Date: 6 March 2001 (06.03.2001)

(25) Filing Language:

English

H04N 1/00

(26) Publication Language:

English

(30) Priority Data: 2000-061213

6 March 2000 (06.03.2000)

- (71) Applicant (for all designated States except US): KAISHA TOSHIBA [JP/JP]; 72, KABUSHIKI Saiwai-ku, Kawasaki-shi, Kanagawa Horikawa-cho. 210-8572 (JP).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): ITO, Koichi [JP/JP]; 18-18, Nishihirayama 3-chome, Hino-shi, Tokyo 191-0055 (JP). YAMAGUCHI, Kentoku [JP/JP]; 1-32-6-503, Bessho, Hachioji-shi, Tokyo 192-0363 (JP). INOUE, Nobuhiro [JP/JP]; 1821-1, Kobikimachi, Hachioji-shi, Tokyo 193-0934 (JP). SATO, Yuichi [JP/JP]; 28-1, Sanno 1-chome, Ota-ku, Tokyo 143-0023 (JP). SAKUMA, Kei

[JP/JP]; 16-17, Owadamachi 5-chome, Hachioji-shi, Tokyo 192-0045 (JP). OURA, Seiji [JP/JP]; 106, Fuji-Heights, 3144, Noborito, Tama-ku, Kawasaki-shi, Kanagawa 214-0014 (JP). OKA, Tomeo [JP/JP]; 1F, Ota-so, 151, Nishinoyacho, Naka-ku, Yokohama-shi, Kanagawa 231-0844 (JP). KATAOKA, Yoshihiro [JP/JP]; 24-3-602, Daizawa 1-chome, Setagaya-ku, Tokyo 155-0032 (JP). OGASAWARA, Hiroshi [JP/JP]; 14-8, Aihara 3-chome, Sagamihara-shi, Kanagawa 229-1101 (JP).

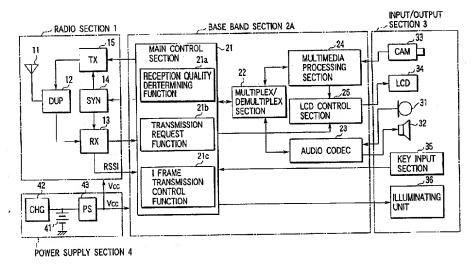
- (74) Agents: SUZUYE, Takehiko et al.; c/o SUZUYE & SUZUYE, 7-2, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).
- (81) Designated State (national): US.
- (84) Designated States (regional): European patent (DE, GB).

Published;

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendmenis

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: DATA TRANSMISSION SYSTEM AND COMMUNICATION DEVICES



(57) Abstract: In this invention, wireless video telephone communication between mobile telephones MS1 and MS2 using the MPEG-2 standard is performed when the reception field strength falls below a threshold value of H continuously for a specific period of T3 or longer in the course of receiving the data at one mobile telephone MS2, the telephone MS2 monitors the restoration of the reception field strength. After detecting the restoration, mobile telephone MS2 transmits a request for the transmission of an I frame to mobile telephone MS1. Upon receipt of the request, mobile telephone MS1 creates an I frame in place of a P frame and transmits the I frame.

1 Ti, 771 22 222 m £23